

Product datasheet for **RG224993**

TOMM6 (NM_001134493) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TOMM6 (NM_001134493) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TOMM6
Synonyms: OBTP; TOM6
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG224993 representing NM_001134493
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTCCAGCACTGTCCCGGTGAGCGCTGCTGGCTCGGCTAATGAACTCCCGAAATACCGGACAACG
TGGGAGATTGGCTTCGGGGCGTCTACCGCTTGGCACTGATAGGAATGACTTCGGAGGAACTTGATACT
AAATTTGGGACTTTGCTGCGGGAGTTGGCTGGCCAGGAACTTGAGTGACATTGACCTCATGGCACCT
CAGCCAGGGGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG224993 representing NM_001134493
Red=Cloning site **Green**=Tags(s)

MASSTVPVSAAGSANETPEIPDNVGDWLRGVYRFATDRNDFRRNLILNLGLFAAGVWLARNLSDIDLMAP
QPGV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001134493.2</u>
RefSeq Size:	881 bp
RefSeq ORF:	225 bp
Locus ID:	100188893
UniProt ID:	<u>Q96B49</u>
Cytogenetics:	6p21.1